58895-1 A

WYOMING LABOR FORCE TRENDS

Vol. 27. No. 11 *A Monthly Newsletter Published by Research & Planning, Department of Employment* *November, 1990*

Feature on Nominal & Real Income .....Page 2

First Quarter Full & Part-time Data .....Page 3

Trends News

By Gordon Wolford

• U.S. Unemployent at 2 1/2 Year High

U.S. seasonally adjusted unemployment, at 5.7 percent in October, remained unchanged from September: up for the third month in a row. Prior to July, which registered 5.5 percent, the jobless rate had fluctuated around the 5.3 percent mark for nearly two years. The September rate was the highest unemployment the country has seen since February, 1988. There were 7.1 million unemployed across the nation.

• Adjusted Sept. Unemployment Up, at 5.4%

Statewide unemployment, at 5.4 percent seasonally adjusted, was up sharply from 4.6 percent in August but remained below the national level for the fourth month in a row. Year ago unemployment was at 6.9 percent.

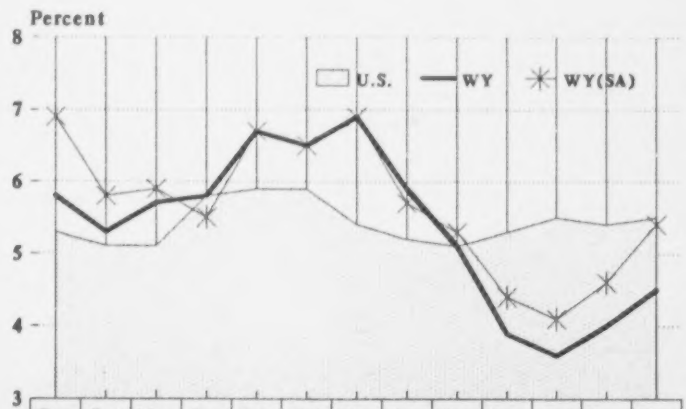
The unadjusted Wyoming rate, at 4.5 percent, was the lowest for the month since 1981. This compares to 4.0 percent last month and 5.8 percent last year. The over-the-month, September unemployment gain (9,853 in August to 10,943) appears to be, in large part, the result of seasonal layoffs concentrated in retail trade and services. Employment Service data (Page 5, Table 2) indicates that more new job seekers were seeking employment: either entering or returning to the job market.

• Late Summer Tourism Continues Strong

Despite a monthly drop in most of the service producing industries, during September, trade and services continued to account for most of the annual, statewide worker gain for all industries. As was the case in earlier summer months, Yellowstone Park counties (Park and Teton) accounted for around half(47%)of total statewide, annual labor force growth. The two counties posted an annual labor force gain of almost 1,300. Teton County continued, for the fifth month in a row, to post the lowest unemployment: 1.7 percent. In addition, Teton registered the highest annual labor force growth rate among the counties.

• Seasonally Adjusted Unemployment Rate

The rate of unemployment (number unemployed as a percent of labor force) fluctuates seasonally due to predictable changes in weather, production schedules, opening/closing of schools, etc. Statistically removing the effects of seasonality from the actual unemployment rate permits us to determine whether of not the actual rate for the month is higher or lower than one would normally expect.



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
WY(SA)	6.9	5.8	5.9	5.5	6.7	6.5	6.9	5.7	5.3	4.4	4.1	4.6	5.4
WY	5.8	5.3	5.7	5.8	6.7	6.5	6.9	5.9	5.1	3.9	3.6	4	4.5
U.S.	5.3	5.1	5.1	5.8	5.9	5.9	5.4	5.2	5.1	5.3	5.5	5.4	5.5

• Economy Up from Sept. 1989

With the passing of Labor Day, the state's economy continued to grow. Employment gained 2.4% over the year. Converse County had the highest unemployment rate in the State, at 6.7%. Teton had the lowest, at 1.7% Both Laramie and Natrona Counties posted unemployment declines over the year. In addition, compared to a year ago, the number of employed increased by 1,100 in Laramie County and 400 in Natrona County. Fifteen of twenty-three counties showed labor force growth from a year ago.

From: Establishment Survey Results...

Retail trade and services accounted for most of the new jobs (1,000 more than last year). Local government was up sharply (6,200 in September from August) because of the start of the school year. Mining was up by 300 jobs in September, compared to last month and last year. Finance, insurance and real estate, construction, transportation and public utilities also posted worker gains from a year ago.

• Comments on Real vs. Personal Income

By Tom Gallagher

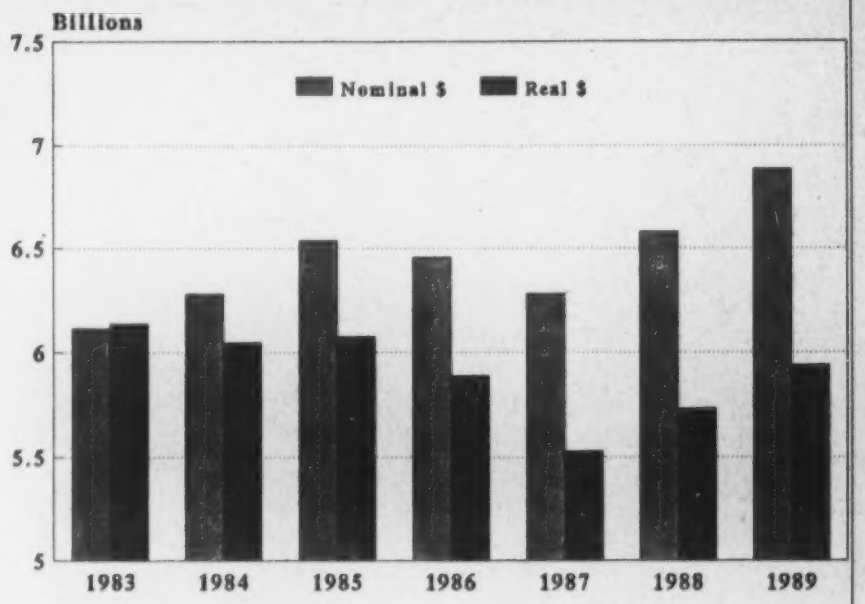
According to Bureau of Economic Analysis (BEA), nominal personal income rose to an estimated 6.9 billion dollars in Wyoming during 1989. But, what does this mean for the State? Unless nominal income (as reported by BEA) is adjusted for inflation, we should not infer that higher nominal numbers mean growth. Without "real" growth, and a comparatively even distribution of income, consumption rates may not increase. Further, absence of real growth in personal income can limit creation of new jobs.

Our only reliable and timely measure of inflation (reflecting actual, national prices and consumer spending patterns) is the Bureau of Labor Statistic's (BLS) Consumer Price Index (CPI). Nominal personal income is adjusted for inflation by multiplying nominal dollars by the product of CPI-U (all urban) annual average/100.

Graphic representation of nominal and real personal income illustrates that 1989 real personal income returned to the level once attained in 1986. Since 1987, real growth in personal income is consistent with the trend in job growth documented elsewhere in this report.

During 90:1Q, total Unemployment Insurance (UI) covered wages and salaries were expanding at a rate of 6.8 percent; while the rate of inflation grew at a rate of 3.5 percent. Since wage and salary disbursements comprise over half of all personal income, we have a clear indication that potential real growth in consumption, and subsequent job creation, extend in to 1990.

Wyoming Nominal & Real Personal Income

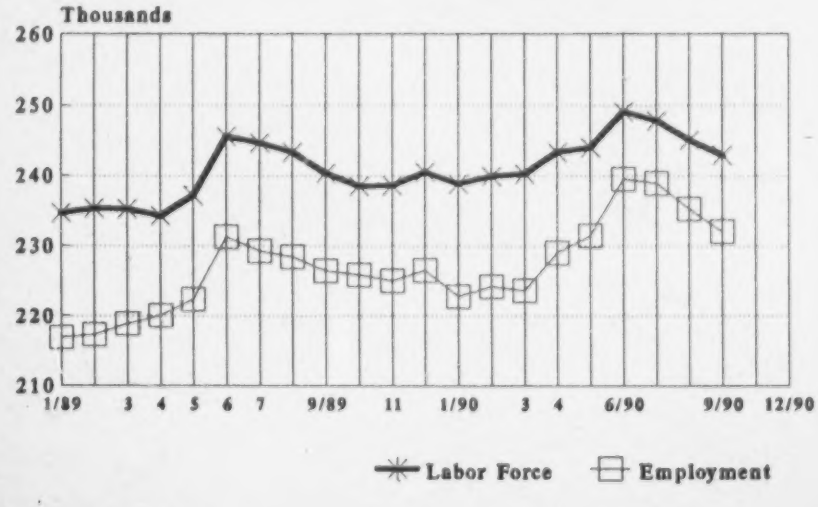


Consumer Price Index
All Urban September 1990

	Sep. 1990	Month Change
All Items	132.7	0.8
Food & Bev.	133.0	0.2
Housing	130.5	0.2
Apparel-Upkeep	126.8	3.8
Transportation	123.0	2.0
Medical Care	165.8	0.5
Entertainment	134.1	0.8
Other Gds.-Serv.	162.6	1.4

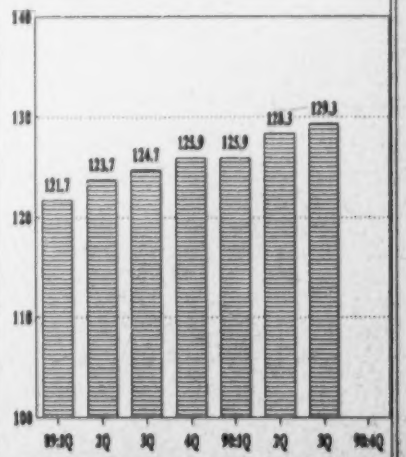
Source: B. L. S.
1982 to 1984 = 100

Wyoming Civilian Labor Force and Employment, 1/89 through 9/90



Scale does not begin at zero

National CPI(U), Quarterly 89:1Q through 90:3Q



FULL & PART-TIME UI COVERED AND FEDERAL JOBS WORKED, TOTAL PAYROLLS, AND AVERAGE WEEKLY WAGE IN WYOMING BY COUNTY

		AVERAGE EMPLOYMENT			TOTAL PAYROLLS			AVERAGE WEEKLY WAGE		
		1ST QTR 1990	1ST QTR 1989	% CHANGE	1ST QTR 1990	1ST QTR 1989	% CHANGE	1ST QTR 1990	1ST QTR 1989	% CHANGE
TOTAL, INCLUDING FEDERAL WORKERS		179,672	173,945	3.3%	$881,202,982	$824,868,936	6.8%	$377	$365	3.4%
ALBANY	001	11,511	11,136	3.4	$48,604,152	$45,536,514	6.7	$325	$315	3.1
BIG HORN	003	3,031	2,848	6.4	12,443,971	11,288,410	10.2	316	305	3.5
CAMPBELL	005	13,375	12,992	3.0	84,875,783	81,027,340	4.7	488	480	1.7
CARBON	007	6,263	6,085	2.9	30,539,115	27,580,493	10.7	375	349	7.5
CONVERSE	009	3,385	3,694	-8.4	18,225,136	18,991,311	-4.0	414	395	4.8
CROOK	011	1,555	1,471	5.7	6,677,627	5,871,277	13.7	330	307	7.6
FREMONT	013	11,190	11,000	1.7	46,092,125	44,419,211	3.8	317	311	1.9
GOSHEN	015	3,473	3,528	-1.5	13,028,456	12,820,641	1.6	289	280	3.0
HOT SPRINGS	017	1,828	1,872	-2.3	7,450,351	7,525,843	-1.0	313	309	1.4
JOHNSON	019	2,042	1,957	4.3	7,695,353	7,153,020	7.6	290	281	3.2
LARAMIE	021	29,462	29,377	0.3	141,244,128	134,949,567	4.7	369	353	4.5
LINCOLN	023	4,064	3,905	4.1	20,670,886	19,795,586	4.4	391	390	0.3
NATRONA	025	26,529	25,638	3.5	134,806,110	125,363,819	7.5	391	376	4.0
NIOBRARA	027	709	727	-2.4	2,506,439	2,391,510	4.8	272	253	7.4
PARK	029	8,485	8,398	1.0	37,834,896	37,548,943	0.8	343	344	-0.3
PLATTE	031	2,593	2,603	-0.4	12,123,698	12,061,060	0.5	360	356	1.0
SHERIDAN	033	8,465	8,214	3.1	34,332,587	32,188,523	6.7	312	301	3.7
SUBLETTE	035	1,600	1,567	2.1	7,162,471	7,045,005	1.7	344	346	-0.5
SWEETWATER	037	17,348	16,439	5.5	110,466,508	101,736,800	8.6	490	476	2.9
TETON	039	8,832	7,903	11.8	34,146,927	28,426,381	20.1	297	277	7.4
UINTA	041	6,614	6,628	-0.2	31,866,182	31,696,971	0.5	371	368	0.7
WASHAKIE	043	3,013	2,918	3.2	14,451,087	13,719,191	5.3	369	362	1.9
WESTON	045	2,093	2,137	-2.1	9,282,036	9,130,097	1.7	341	329	3.7
NONCLASSIFIABLE	999	2,211	936	136.3	14,676,958	6,414,072	128.8	511	528	-3.3

Source: Department of Employment - Research and Planning - ES-202 Report - Run Date 8/90
Percentages rounded using unrounded employment and wage data.

WYOMING
ECONOMIC INDICATORS

Table 1

INDUSTRY	SEPTEMBER 1990 1	AUGUST 1990 2	SEPTEMBER 1989 2	Percent Change From A Month Ago	Percent Change From A Year Ago
WYOMING EMPLOYMENT DATA					
Total Civilian Labor Force	242,930	245,448	240,293	-1.0	1.1
Unemployment	10,943	9,853	13,822	11.1	-20.8
Employed Labor Force	231,987	235,595	226,476	-1.5	2.4
Total Unemployment Rate (Wyo.) Seasonally Adjusted*	4.5% 5.4%*	4.0% 4.6%*	5.8% 6.9%*	N/A	N/A
Total Unemployment Rate (U.S.) Seas. Adjusted*	5.5% 5.7%*	5.4% 5.6%*	5.1% 5.3%*	N/A	N/A
HOURS & EARNINGS 4					
Mining (Production Workers):					
Average Weekly Earnings	$ 696.00	$ 671.52	$ 646.66	3.6	7.6
Average Weekly Hours	46.4	45.9	45.7	1.1	1.5
Average Hourly Earnings	$ 15.00	$ 14.63	$ 14.15	2.5	6.0
UNEMPLOYMENT INSURANCE					
Claims Filed in Local Offices	7,923	9,119	8,595	-13.1	-7.8
a. Initial	1,423	1,671	1,420	-14.8	0.2
Weeks Compensated	4,957	7,099	6,168	-30.2	-19.6
Total Amount Benefits Paid	$ 773,337	$ 1,076,762	$ 971,547	-28.2	-20.4
Average Weekly Benefit Payment	$ 155.33	$ 151.33	$ 156.85	2.6	-1.0
Unemployment Insurance State Covered Jobs 3	184,348	184,815	182,531	-0.3	1.0
Insured Unemployment Rate (Wyo.)	0.9%	1.0%	1.0%	N/A	N/A
EMPLOYMENT SERVICES					
Total Applications Received During Month	5,090	6,158	4,640	-17.3	9.7
Total Openings Received	4,033	4,321	4,159	-6.7	-3.0
Individual Placements	2,200	2,208	2,374	-0.4	-7.3
Placement Transactions	3,123	3,021	3,154	3.4	-1.0
UNITED STATES DATA					
HOURS & EARNINGS 4					
Mining					
Average Weekly Earnings	$ 608.68	$ 597.92	$ 566.35	1.8	7.5
Average Weekly Hours	44.3	43.9	43.2	0.9	2.5
Average Hourly Earnings	$ 13.74	$ 13.62	$ 13.11	0.9	4.8
PRICE INDEXES					
Consumer Price Index 1982-84=100	132.7	131.6	125.0	0.8	6.2
Producer Prices, All Commodities 1982-84=100	118.3	116.5	112.3	1.5	5.3
Food and Beverage 1982-84=100	133.0	132.7	125.9	0.2	5.6

1 Preliminary. 2 Revised. 3 Not benchmarked to current population survey. 4 Estimates include all full- and part-time wage and salary workers in non-agricultural establishments who worked or received pay during the week which includes the 12th of the month. Proprietors, self-employeds, domestic servants, and personnel of the armed forces are excluded. 5 Local Area Unemployment Statistics Program estimates. N/A Not Appropriate

WYOMING
CIVILIAN LABOR FORCE AND UNEMPLOYMENT
(Prepared in cooperation with U S. Bureau of Labor Statistics)

TABLE 2

	LABOR FORCE					UNEMPLOYMENT			UNEMPLOYMENT RATE		
COUNTY	SEP 1990	AUG 1990	SEP 1989	CHANGE AUG-SEP	% CHANGE SEP-SEP	SEP 1990	AUG 1990	SEP 1989	SEP 1990	AUG 1990	SEP 1989
Statewide	242,930	245,448	240,293	-1.0	1.1	10,943	9,853	13,822	4.5	4.0	5.8
Statewide - Seasonally Adjusted									5.4	4.6	6.9
Albany	17,106	16,247	16,270	5.3	5.1	461	374	498	2.7	2.3	3.1
Big Horn	5,357	5,224	5,258	2.5	1.9	298	369	352	5.6	7.1	6.7
Campbell	15,239	15,657	15,296	-2.7	-0.4	776	900	1,112	5.1	5.7	7.3
Carbon	8,200	8,095	8,122	1.3	1.0	418	369	520	5.1	4.6	6.4
Converse	4,727	4,706	5,140	0.4	-8.0	319	171	356	6.7	3.6	6.9
Crook	2,913	2,821	3,165	3.3	-8.0	76	80	144	2.6	2.8	4.5
Fremont	16,792	16,710	16,645	0.5	0.9	930	907	1,245	5.5	5.4	7.5
Goshen	5,977	5,881	5,978	1.6	0.0	150	188	193	2.5	3.2	3.2
Hot Springs	2,971	2,897	2,878	2.6	3.2	93	70	128	3.1	2.4	4.4
Johnson	3,785	3,997	3,699	-5.3	2.3	76	162	140	2.0	4.1	3.8
Laramie	36,916	37,226	36,231	-0.8	1.9	1,673	1,581	2,102	4.5	4.2	5.8
Lincoln	5,720	5,745	5,885	-0.4	-2.8	323	282	361	5.6	4.9	6.1
Natrona	31,230	31,000	31,119	0.7	0.4	1,722	1,523	2,015	5.5	4.9	6.5
Niobrara	1,507	1,503	1,503	0.3	0.3	64	24	67	4.2	1.6	4.5
Park	14,325	15,822	13,765	-9.5	4.1	648	460	739	4.5	2.9	5.4
Platte	4,135	4,076	4,294	1.4	-3.7	228	141	236	5.5	3.5	5.5
Sheridan	13,330	12,907	12,987	3.3	2.6	545	432	664	4.1	3.3	5.1
Sublette	3,186	3,109	3,020	2.5	5.5	89	73	130	2.8	2.3	4.3
Sweetwater	19,300	18,437	19,214	4.7	0.4	1,033	895	1,242	5.4	4.9	6.5
Teton	12,542	15,745	11,875	-20.3	5.6	212	96	229	1.7	0.6	1.9
Uinta	9,929	9,974	10,012	-0.5	-0.8	523	442	879	5.3	4.4	8.8
Washakie	4,416	4,445	4,481	-0.7	-1.5	148	160	238	3.4	3.6	5.3
Weston	3,326	3,223	3,455	3.2	-3.7	138	153	231	4.1	4.7	6.7
United States									5.5	5.4	5.1
United States - Seasonally Adjusted									5.7	5.6	5.3

Benchmarked 2/89.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN WYOMING

Table 3

INDUSTRY	EMPLOYMENT IN THOUSANDS SEP 1990 Total	AUG 1990 Total	SEP 1989 Total	% CHANGE IN TOTAL EMP. AUG 1990 to SEP 1990	SEP 1989 to SEP 1990
TOTAL NONAGRICULTURAL WAGE & SALARY EMPLOYMENT	203.4	200.6	202.3	1.4 %	0.5 %
TOTAL GOODS PRODUCING	39.2	38.7	38.8	1.3	1.0
Mining	18.1	17.8	17.8	1.7	1.7
Coal Mining	4.7	4.8	4.7	-2.1	0.0
Oil & Gas Extraction	8.6	8.2	8.4	4.9	2.4
Nonmetallic Minerals	4.0	4.1	4.0	-2.4	0.0
Construction	11.8	11.9	11.7	-0.8	0.9
General Building Contractors	2.0	2.0	2.0	0.0	0.0
Heavy Construction	4.8	5.0	4.7	-4.0	2.1
Special Trade Construction	5.0	4.9	5.0	2.0	0.0
Manufacturing	9.3	9.0	9.3	3.3	0.0
Durable Goods	4.1	4.2	4.1	-2.4	0.0
Nondurable Goods	5.2	4.8	5.2	8.3	0.0
Printing & Publishing	1.7	1.7	1.8	0.0	-5.6
Petroleum & Coal Products	1.2	1.2	1.2	0.0	0.0
TOTAL SERVICE PRODUCING	164.2	161.9	163.5	1.4	0.4
Transportation & Public Utilities	14.8	14.9	14.7	-0.7	0.7
Transportation	9.0	9.1	9.0	-1.1	0.0
Railroad Transportation	2.7	2.7	2.8	0.0	-3.6
Trucking & Warehousing	4.6	4.7	4.6	-2.1	0.0
Communications	2.2	2.2	2.2	0.0	0.0
Electric, Gas & Sanitary Services	3.6	3.6	3.6	0.0	0.0
Trade	47.0	48.7	46.2	-3.5	1.7
Wholesale Trade	7.4	7.4	7.4	0.0	0.0
Durable Goods	3.9	3.9	3.9	0.0	0.0
Nondurable Goods	3.5	3.5	3.5	0.0	0.0
Retail Trade	39.6	41.3	38.8	-4.1	2.1
Building Materials & Garden Supplies	1.4	1.5	1.5	-6.7	-6.7
General Merchandise Stores	5.1	5.7	4.2	-10.5	21.4
Food Stores	5.9	5.9	5.9	0.0	0.0
Automotive Dealers & Service Stations	6.3	6.4	6.3	-1.6	0.0
Apparel & Accessory Stores	1.4	1.4	1.4	0.0	0.0
Furniture & Home Furnishings Stores	1.0	1.0	1.0	0.0	0.0
Eating & Drinking Places	14.4	15.2	14.4	-5.3	0.0
Miscellaneous Retail	4.1	4.2	4.1	-2.4	0.0

See footnotes at end of table

Table 3 (Cont.) **NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN WYOMING** [1]

INDUSTRY	EMPLOYMENT IN THOUSANDS SEP 1990 [2] Total	AUG 1990 [3] Total	SEP 1989 Total	% CHANGE IN TOTAL EMP. AUG 1990 to SEP 1990	SEP 1989 to SEP 1990
Finance, Insurance, & Real Estate	7.5	7.4	7.3	1.4 %	2.7 %
Finance	4.1	4.0	4.0	2.5	2.5
Insurance	1.6	1.6	1.6	0.0	0.0
Other	1.8	1.8	1.7	0.0	5.9
Services	39.5	41.7	39.3	-5.3	0.5
Hotels & Other Lodging Places	9.0	11.2	8.9	-19.6	1.1
Personal Services	1.6	1.6	1.6	0.0	0.0
Business Services	3.5	3.4	3.3	2.9	6.1
Automotive & Miscellaneous Repair Services	2.6	2.6	2.8	0.0	-7.1
Amusements & Recreational Services including Motion Pictures	2.8	2.8	2.7	0.0	3.7
Health Services	7.8	7.8	7.8	0.0	0.0
Legal Services	1.0	1.0	1.0	0.0	0.0
Social Services	3.1	3.1	3.1	0.0	0.0
Other	8.1	8.2	8.1	-1.2	0.0
Government	55.4	49.2	56.0	12.6	-1.1
Total Federal Government	7.7	7.8	7.6	-1.3	1.3
Total State Government	12.8	12.7	13.6	0.8	-5.9
Total Local Government	34.9	28.7	34.8	21.6	0.3
CASPER (Natrona County)					
TOTAL NONAGRICULTURAL WAGE & SALARY EMPLOYMENT	28.5	28.3	28.1	0.7 %	1.4 %
TOTAL GOODS PRODUCING	5.9	5.9	5.8	0.0	1.7
Manufacturing	1.7	1.7	1.7	0.0	0.0
Mining	2.5	2.5	2.4	0.0	4.2
Oil & Gas Extraction	2.3	2.3	2.3	0.0	0.0
Construction	1.7	1.7	1.7	0.0	0.0
TOTAL SERVICE PRODUCING	22.6	22.4	22.3	0.9	1.4
Transportation & Public Utilities	1.8	1.8	1.7	0.0	5.9
Transportation	1.1	1.1	1.1	0.0	0.0
Communications & Public Utilities	0.7	0.7	0.6	0.0	16.7
Trade	8.0	8.0	8.0	0.0	0.0
Wholesale Trade	2.1	2.2	2.2	-4.6	-4.6
Retail Trade	5.9	5.8	5.8	1.7	1.7
Finance, Insurance & Real Estate	1.4	1.4	1.4	0.0	0.0
Services	6.5	6.6	6.3	-1.5	3.2
Personal & Business Services	1.3	1.2	1.2	8.3	8.3
Health Services	2.0	2.0	1.9	0.0	5.3
Government	4.9	4.6	4.9	6.5	0.0

1 Estimates include all full and part-time wage and salary workers in non-agricultural establishments who worked or received pay during the week which includes the 12th of the month. Proprietors, self-employeds, domestic servants and personnel of the armed forces are excluded. 2 Subject to revision. 3 Revised.

RETURN IN 5 DAYS TO
Wyoming Department of Employment
Research and Planning
P. O. BOX 2760
CASPER, WYOMING 82602

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

POSTAGE AND FEES PAID
WYOMING DEPARTMENT OF EMPLOYMENT
LAB 449

C CONGRESSIONAL INFORMATION SERVICE
ATTN: ROBERTA D MASON - SRI
4520 EAST WEST HWY
BETHESDA MD 20814

W Y O M I N G
LABOR FORCE TRENDS

The **Wyoming Labor Force Trends** is published by the Research and Planning, Wyoming Department of Employment.

- **Frank Galeotos, Director**
- **Tom Gallagher, Manager, Research and Planning**
- **Gordon Wolford, Principal Statistician**
- **J. C. Rhodes Jr., Senior Statistician**

Please send questions, comments or address changes to J. C. Rhodes Jr., Editor, **Wyoming Labor Force Trends**, Wyoming Department of Employment, Research and Planning, P. O. Box 2760, Casper, Wyoming, 82602, Ph. (307) 235-3220.
Material in this publication is in the public domain and may be reproduced without special permission. We request, however, that statements not be quoted out of context or data presented in such a way as to mislead and that source credit be given.
ISSN 0512-4409